	L #	Search Text	DBs	Time Stamp	Hits
1	L1	lucent.asn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/11/20 19:33	30100
2	L2	jakobsson.in. and bjorn.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/11/20 19:33	59
3	L3	young.in.. and adam.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/11/20 19:33	124

	L #	Search Text	DBs	Time Stamp	Hits
4	L4	L2 and L3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:33	2
5	L5	L4 and L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:34	0
6	L6	726/26.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:34	1429

	L #	Search Text	DBs	Time Stamp	Hits
7	L7	"identification tagging" and L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:34	0
8	L8	713/187.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:34	344
9	L9	"identification tagging" and L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:34	0

	L #	Search Text	DBs	Time Stamp	Hits
10	L10	713/194.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:34	563
11	L11	L10 and "identification tagging"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:35	0
12	L12	380/202.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:35	228

	L #	Search Text	DBs	Time Stamp	Hits
13	L13	L12 and "identification tagging"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:35	0
14	L14	(identification) near (tag$3) near (document)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:37	42
15	L15	(cryptographic function) near (hash) near (message authentication code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:38	728

	L #	Search Text	DBs	Time Stamp	Hits
16	L16	L14 and L15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:38	0
17	L17	(hash function) near (message authentication code or MAC)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:38	30880
18	L18	L14 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:38	3

	L #	Search Text	DBs	Time Stamp	Hits
19	L19	L18 and (modular exponentiation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:39	1
20	L20	L19 and "unique processor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2007/11/20 19:39	1

	Type	L #	Search Text	DBs	Time Stamp	Hits
21	BRS	L21	identification AND tagging AND document AND computer AND system.CLM.	US-PGPUB	2007/11/20 19:48	1952
22	BRS	L22	identification AND tagging AND document AND computer AND system AND calculating AND cryptographic AND function.CLM.	US-PGPUB	2007/11/20 19:49	9
23	BRS	L23	identification AND tagging AND document AND computer AND system AND calculating AND cryptographic AND function AND unique AND processor.CLM.	US-PGPUB	2007/11/20 19:49	19
24	BRS	L24	identification AND tagging AND document AND computer AND system AND calculating AND cryptographic AND function AND unique AND processor AND third AND party.CLM.	US-PGPUB	2007/11/20 19:49	3
25	BRS	L25	identification AND tagging AND document AND computer AND system AND calculating AND cryptographic AND function AND unique AND processor AND third AND party AND source.CLM.	US-PGPUB	2007/11/20 19:50	7
26	BRS	L26	identification AND tagging AND document AND computer AND system AND calculating AND cryptographic AND function AND unique AND processor AND third AND party AND source AND hash.CLM.	US-PGPUB	2007/11/20 19:50	3
27	BRS	L27	identification AND tagging AND document AND computer AND system AND calculating AND cryptographic AND function AND unique AND processor AND third AND party AND source AND hash AND message AND authentication AND code.CLM.	US-PGPUB	2007/11/20 19:50	4

	Type	L #	Search Text	DBs	Time Stamp	Hits
28	BRS	L28	identification AND tagging AND document AND computer AND system AND calculating AND cryptographic AND function AND unique AND processor AND third AND party AND source AND hash AND message AND authentication AND code AND modular AND exponentiation.CLM.	US-PGPUB	2007/11/20 19:51	1

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[PDF] Appendix - Litteratur studie Mobila Pipelines
File Format: PDF/Adobe Acrobat - <u>View as HTML</u>
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on ... cryptography; ubiquitous computing; **message authentication** ...
homepage.mac.com/.../Mobila%20Pipelines/MP_AP2_Appendix_Litstudie_v2.pdf -
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"Content-ID and **Message-ID** Uniform Resource Locators", Ed Levinson, ... HMAC
[HMAC] **message authentication function** using the MD5 [MD5] **hash function** and ...
mirror.switch.ch/ftp/doc/ietf/1id-abstracts.old - 646k - <u>Cached</u> - <u>Similar pages</u>

The Internet Report
This document describes HMAC, a mechanism for **message authentication** using
cryptographic **hash functions**. HMAC can be used with any iterative cryptographic ...
ietfreport.isoc.org/status_informational.html - 977k - <u>Cached</u> - <u>Similar pages</u>

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It avoids using **hash** marks elsewhere. "The qmail-send Bounce **Message** Format ......
UUID URIs are useful in situations where a **unique identifier** is required ...
hegel.ittc.ku.edu/topics/internet/internet-drafts/index-long.html - <u>Similar pages</u>

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A **hashing** algorithm is a cryptographic formula for generating a **unique**, ... Sender **ID's**
fading **message** By: Joris Evers CNETNews.com, August 9, ...
consortiuminfo.org/news/cat.php?CID=15 - 970k - <u>Cached</u> - <u>Similar pages</u>

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Candidate key - any **identifier** that is a **unique** to the record ...... Uses key to generate a
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1 Cryptography and data security   ■
Dorothy Elizabeth Robling Denning
January 1982 Book
Publisher: Addison-Wesley Longman Publishing Co., Inc.

Full text available: 📄 pdf(19.47 MB)   Additional Information: full citation, abstract, references, cited by, index terms

From the Preface (See Front Matter for full Preface)

Electronic computers have evolved from exiguous experimental enterprises in the 1940s to prolific practical data processing systems in the 1980s. As we have come to rely on these systems to process and store data, we have also come to wonder about their ability to protect valuable data.

Data security is the science and study of methods of protecting data in computer and communication systems from unauthorized disclosure ...

2 Architecture for Protecting Critical Secrets in Microprocessors   ■
Ruby B. Lee, Peter C. S. Kwan, John P. McGregor, Jeffrey Dwoskin, Zhenghong Wang
May 2005 **ACM SIGARCH Computer Architecture News , Proceedings of the 32nd annual international symposium on Computer Architecture ISCA '05**, Volume 33 Issue 2
Publisher: IEEE Computer Society, ACM Press
Full text available: 📄 pdf(143.62 KB)   Additional Information: full citation, abstract, cited by, index terms

We propose "secret-protected (SP)" architecture to enable secure and convenient protection of critical secrets for a given user in an on-line environment. Keys are examples of critical secrets, and key protection and management is a fundamental problem ¿ often assumed but not solved ¿ underlying the use of cryptographic protection of sensitive files, messages, data and programs. SP-processors contain a minimalist set of architectural features that can be built into a general-purpose microprocess ...

3 Link and channel measurement: A simple mechanism for capturing and replaying wireless channels   ■
Glenn Judd, Peter Steenkiste
August 2005 **Proceeding of the 2005 ACM SIGCOMM workshop on Experimental approaches to wireless network design and analysis E-WIND '05**

Publisher: ACM Press

Full text available: ⬚ pdf(6.06 MB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

Physical layer wireless network emulation has the potential to be a powerful experimental tool. An important challenge in physical emulation, and traditional simulation, is to accurately model the wireless channel. In this paper we examine the possibility of using on-card signal strength measurements to capture wireless channel traces. A key advantage of this approach is the simplicity and ubiquity with which these measurements can be obtained since virtually all wireless devices provide the req ...

Keywords: channel capture, emulation, wireless

4 <u>Exploiting perception in high-fidelity virtual environments: Exploiting perception in high-fidelity virtual environments</u>
Additional presentations from the 24th course are available on the citation page
Mashhuda Glencross, Alan G. Chalmers, Ming C. Lin, Miguel A. Otaduy, Diego Gutierrez
July 2006 **ACM SIGGRAPH 2006 Courses SIGGRAPH '06**

Publisher: ACM Press

Full text available: ⬚ pdf(5.07 MB) ⓠ   Additional Information: <u>full citation</u>, <u>appendices and supplements</u>,
            mov(68:6 MIN)   <u>abstract</u>, <u>references</u>, <u>cited by</u>, <u>index terms</u>

The objective of this course is to provide an introduction to the issues that must be considered when building high-fidelity 3D engaging shared virtual environments. The principles of human perception guide important development of algorithms and techniques in collaboration, graphical, auditory, and haptic rendering. We aim to show how human perception is exploited to achieve realism in high fidelity environments within the constraints of available finite computational resources.In this course w ...

Keywords: collaborative environments, haptics, high-fidelity rendering, human-computer interaction, multi-user, networked applications, perception, virtual reality

5 <u>Measurement: A high-level programming environment for packet trace anonymization and transformation</u>
Ruoming Pang, Vern Paxson
August 2003 **Proceedings of the 2003 conference on Applications, technologies, architectures, and protocols for computer communications SIGCOMM '03**

Publisher: ACM Press

Full text available: ⬚ pdf(251.27 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Packet traces of operational Internet traffic are invaluable to network research, but public sharing of such traces is severely limited by the need to first remove all sensitive information. Current trace anonymization technology leaves only the packet headers intact, completely stripping the contents; to our knowledge, there are no publicly available traces of any significant size that contain packet payloads. We describe a new approach to transform and anonymize packet traces. Our tool provide ...

Keywords: anonymization, internet, measurement, network intrusion detection, packet trace, privacy, transformation

6 <u>On randomization in sequential and distributed algorithms</u>
Rajiv Gupta, Scott A. Smolka, Shaji Bhaskar
March 1994 **ACM Computing Surveys (CSUR)**, Volume 26 Issue 1

Publisher: ACM Press

Full text available: 📄 pdf(8.01 MB)   Additional Information: full citation, abstract, references, citings, index terms

Probabilistic, or randomized, algorithms are fast becoming as commonplace as conventional deterministic algorithms. This survey presents five techniques that have been widely used in the design of randomized algorithms. These techniques are illustrated using 12 randomized algorithms—both sequential and distributed— that span a wide range of applications, including:primality testing (a classical problem in number theory), interactive probabilistic proof s ...

Keywords: Byzantine agreement, CSP, analysis of algorithms, computational complexity, dining philosophers problem, distributed algorithms, graph isomorphism, hashing, interactive probabilistic proof systems, leader election, message routing, nearest-neighbors problem, perfect hashing, primality testing, probabilistic techniques, randomized or probabilistic algorithms, randomized quicksort, sequential algorithms, transitive tournaments, universal hashing

7 A survey on peer-to-peer key management for mobile ad hoc networks

Johann Van Der Merwe, Dawoud Dawoud, Stephen McDonald
April 2007 **ACM Computing Surveys (CSUR)**, Volume 39 Issue 1
Publisher: ACM Press
Full text available: 📄 pdf(872.71 KB)   Additional Information: full citation, abstract, references, index terms

The article reviews the most popular peer-to-peer key management protocols for mobile ad hoc networks (MANETs). The protocols are subdivided into groups based on their design strategy or main characteristic. The article discusses and provides comments on the strategy of each group separately. The discussions give insight into open research problems in the area of pairwise key management.

Keywords: Mobile ad hoc networks, pairwise key management, peer-to-peer key management, security

8 Efficient Memory Integrity Verification and Encryption for Secure Processors

G. Edward Suh, Dwaine Clarke, Blaise Gassend, Marten van Dijk, Srinivas Devadas
December 2003 **Proceedings of the 36th annual IEEE/ACM International Symposium on Microarchitecture MICRO 36**
Publisher: IEEE Computer Society
Full text available: 📄 pdf(307.01 KB)   Additional Information: full citation, abstract, citings, index terms

Secure processors enable new sets of applications suchas commercial grid computing, software copy-protection,and secure mobile agents by providing security from bothphysical and software attacks. This paper proposes newhardware mechanisms for memory integrity verification andencryption, which are two key primitives required in single-chipsecure processors. The integrity verification mechanismoffers significant performance advantages over existingones when the checks are infrequent as in grid com ...

9 Authentication and passwords: Beamauth: two-factor web authentication with a bookmark

Ben Adida
October 2007 **Proceedings of the 14th ACM conference on Computer and communications security CCS '07**

Publisher: ACM

Full text available: pdf(294.94 KB)   Additional Information: full citation, abstract, references, index terms

> We propose **BeamAuth,** a two-factor web authentication technique where the second factor is a specially crafted bookmark. **BeamAuth** presents two interesting features: (1) only server-side deployment is required alongside any modern, out-of-the-box web browser on the client side, and (2) credentials remain safe against many types of phishing attacks, even if the user fails to check proper user interface indicators. **BeamAuth** is deployable immediately by any login-protected web ...
>
> **Keywords**: phishing, two-factor authentication, web security

10 Comprehensively and efficiently protecting the heap

Mazen Kharbutli, Xiaowei Jiang, Yan Solihin, Guru Venkataramani, Milos Prvulovic

October 2006 **ACM SIGPLAN Notices , ACM SIGARCH Computer Architecture News , ACM SIGOPS Operating Systems Review , Proceedings of the 12th international conference on Architectural support for programming languages and operating systems ASPLOS-XII,** Volume 41 , 34 , 40 Issue 11 , 5 , 5

Publisher: ACM Press

Full text available: pdf(329.47 KB)   Additional Information: full citation, abstract, references, index terms

> The goal of this paper is to propose a scheme that provides comprehensive security protection for the heap. Heap vulnerabilities are increasingly being exploited for attacks on computer programs. In most implementations, the heap management library keeps the heap meta-data (heap structure information) and the application's heap data in an interleaved fashion and does not protect them against each other. Such implementations are inherently unsafe: vulnerabilities in the application can cause the ...
>
> **Keywords**: computer security, heap attacks, heap security, heap server

11 Astrolabe: A robust and scalable technology for distributed system monitoring, management, and data mining

Robbert Van Renesse, Kenneth P. Birman, Werner Vogels

May 2003 **ACM Transactions on Computer Systems (TOCS),** Volume 21 Issue 2

Publisher: ACM Press

Full text available: pdf(341.62 KB)   Additional Information: full citation, abstract, references, citings, index terms

> Scalable management and self-organizational capabilities are emerging as central requirements for a generation of large-scale, highly dynamic, distributed applications. We have developed an entirely new distributed information management system called Astrolabe. Astrolabe collects large-scale system state, permitting rapid updates and providing on-the-fly attribute aggregation. This latter capability permits an application to locate a resource, and also offers a scalable way to track sys ...
>
> **Keywords**: Aggregation, epidemic protocols, failure detection, gossip, membership, publish-subscribe, scalability

12 A composable framework for secure multi-modal access to internet services from Post-PC devices

Steven J. Ross, Jason L. Hill, Michael Y. Chen, Anthony D. Joseph, David E. Culler, Eric A. Brewer

October 2002 **Mobile Networks and Applications,** Volume 7 Issue 5

Publisher: Kluwer Academic Publishers

Full text available: pdf(340.33 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>, <u>review</u>

The Post-PC revolution is bringing information access to a wide range of devices beyond the desktop, such as public kiosks, and mobile devices like cellular telephones, PDAs, and voice based vehicle telematics. However, existing deployed Internet services are geared toward the secure rich interface of private desktop computers. We propose the use of an infrastructure-based secure proxy architecture to bridge the gap between the capabilities of Post-PC devices and the requirements of Internet ser ...

Keywords: internet, middleware, post-PC, security, transcoding

13 <u>Sealing OS processes to improve dependability and safety</u>

Galen Hunt, Mark Aiken, Manuel Fähndrich, Chris Hawblitzel, Orion Hodson, James Larus, Steven Levi, Bjarne Steensgaard, David Tarditi, Ted Wobber

March 2007 **ACM SIGOPS Operating Systems Review , Proceedings of the ACM SIGOPS/EuroSys European Conference on Computer Systems 2007 EuroSys '07**, Volume 41 Issue 3

Publisher: ACM

Full text available: pdf(281.05 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

In most modern operating systems, a process is a hardware-protected abstraction for isolating code and data. This protection, however, is selective. Many common mechanisms---dynamic code loading, run-time code generation, shared memory, and intrusive system APIs---make the barrier between processes very permeable. This paper argues that this traditional *open process architecture* exacerbates the dependability and security weaknesses of modern systems.

As a remedy, this paper prop ...

Keywords: open process architecture, sealed kernel, sealed process architecture, software isolated process (SIP)

14 <u>Performance debugging for distributed systems of black boxes</u>

Marcos K. Aguilera, Jeffrey C. Mogul, Janet L. Wiener, Patrick Reynolds, Athicha Muthitacharoen

October 2003 **ACM SIGOPS Operating Systems Review , Proceedings of the nineteenth ACM symposium on Operating systems principles SOSP '03**, Volume 37 Issue 5

Publisher: ACM Press

Full text available: pdf(408.85 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Many interesting large-scale systems are distributed systems of multiple communicating components. Such systems can be very hard to debug, especially when they exhibit poor performance. The problem becomes much harder when systems are composed of "black-box" components: software from many different (perhaps competing) vendors, usually without source code available. Typical solutions-provider employees are not always skilled or experienced enough to debug these systems efficiently. Our goal is to ...

Keywords: black box systems, distributed systems, performance analysis, performance debugging

15 <u>Ubiquitous computing (UC): Extending the EPC network: the potential of RFID in anti-</u>

counterfeiting

Thorsten Staake, Frédéric Thiesse, Elgar Fleisch

March 2005 **Proceedings of the 2005 ACM symposium on Applied computing SAC '05**

Publisher: ACM Press

Full text available: pdf(106.51 KB)   Additional Information: full citation, abstract, references, citings, index terms

The International Chamber of Commerce estimates that seven percent of the world trade is in counterfeit goods, with the counterfeit market being worth 500 billion USD in 2004. Many companies already use overt anti-counterfeiting measures like holograms to confine counterfeiting and product piracy. However, current techniques are not suited for automated tests of product authenticity as required in warehouses, or do not provide the required level of security. In this context, Radio Frequency Iden ...

Keywords: RFID, authentication, counterfeiting, track & trace

16 Dynamic software updating

Michael Hicks, Scott Nettles

November 2005 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 27 Issue 6

Publisher: ACM Press

Full text available: pdf(622.69 KB)   Additional Information: full citation, abstract, references, index terms

Many important applications must run continuously and without interruption, and yet also must be changed to fix bugs or upgrade functionality. No prior general-purpose methodology for dynamic updating achieves a practical balance between flexibility, robustness, low overhead, ease of use, and low cost.We present an approach for C-like languages that provides type-safe dynamic updating of native code in an extremely flexible manner---code, data, and types may be updated, at programmer-determined ...

Keywords: Dynamic software updating, typed assembly language

17 Architecture: CarTel: a distributed mobile sensor computing system

Bret Hull, Vladimir Bychkovsky, Yang Zhang, Kevin Chen, Michel Goraczko, Allen Miu, Eugene Shih, Hari Balakrishnan, Samuel Madden

October 2006 **Proceedings of the 4th international conference on Embedded networked sensor systems SenSys '06**

Publisher: ACM Press

Full text available: pdf(2.04 MB)   Additional Information: full citation, abstract, references, index terms

CarTel is a mobile sensor computing system designed to collect, process, deliver, and visualize data from sensors located on mobile units such as automobiles. A CarTel node is a mobile embedded computer coupled to a set of sensors. Each node gathers and processes sensor readings locally before delivering them to a central *portal*, where the data is stored in a database for further analysis and visualization. In the automotive context, a variety of on-board and external sensors colle ...

Keywords: data management, data visualization, implementation, intermittent connectivity, mobility, query processing, sensor networks

18 An interactive codesign environment for domain-specific coprocessors

Patrick Schaumont, Doris Ching, Ingrid Verbauwhede

January 2006 **ACM Transactions on Design Automation of Electronic Systems (TODAES)**, Volume 11 Issue 1

Publisher: ACM Press

Full text available: pdf(406.61 KB)   Additional Information: full citation, abstract, references, citings, index terms

Energy-efficient embedded systems rely on domain-specific coprocessors for dedicated tasks such as baseband processing, video coding, or encryption. We present a language and design environment called GEZEL that can be used for the design, verification and implementation of such coprocessor-based systems.The GEZEL environment creates a platform simulator by combining a hardware simulation kernel with one or more instruction-set simulators. The hardware part of the platform is programmed in GEZEL ...

Keywords: Cosimulation, hardware description language, hardware-software codesign

19 A DoS-limiting network architecture

Xiaowei Yang, David Wetherall, Thomas Anderson

August 2005 **ACM SIGCOMM Computer Communication Review , Proceedings of the 2005 conference on Applications, technologies, architectures, and protocols for computer communications SIGCOMM '05**, Volume 35 Issue 4

Publisher: ACM Press

Full text available: pdf(370.55 KB)   Additional Information: full citation, abstract, references, citings, index terms

We present the design and evaluation of TVA, a network architecture that limits the impact of Denial of Service (DoS) floods from the outset. Our work builds on earlier work on capabilities in which senders obtain short-term authorizations from receivers that they stamp on their packets. We address the full range of possible attacks against communication between pairs of hosts, including spoofed packet floods, network and host bottlenecks, and router state exhaustion. We use simulation to show t ...

Keywords: denial-of-service, internet

20 Session 1: Preventing injection attacks with syntax embeddings

Martin Bravenboer, Eelco Dolstra, Eelco Visser

October 2007 **Proceedings of the 6th international conference on Generative programming and component engineering GPCE '07**

Publisher: ACM Press

Full text available: pdf(338.60 KB)   Additional Information: full citation, abstract, references, index terms

Software written in one language often needs to construct sentences in another language, such as SQL queries, XML output, or shell command invocations. This is almost always done using *unhygienic string manipulation*, the concatenation of constants and client-supplied strings. A client can then supply specially crafted input that causes the constructed sentence to be interpreted in an unintended way, leading to an *injection attack*. We describe a more natural style of programming ...

Keywords: injection attacks, stringborg, syntax embedding

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IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

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Industry Applications Society Annual Meeting, 1990., Conference Record of t
7-12 Oct. 1990 Page(s):1510 - 1515 vol.2
Digital Object Identifier 10.1109/IAS.1990.152385

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☐ 2. **Passive 5.8-GHz radio-frequency identification tag for monitoring oil dril**
Strassner, B.; Kai Chang;
Microwave Theory and Techniques, IEEE Transactions on
Volume 51, Issue 2, Part 1, Feb. 2003 Page(s):356 - 363
Digital Object Identifier 10.1109/TMTT.2002.807832

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☐ 3. **Safety and security increase for air traffic management through unnotic**
identification tag transmitted with the VHF voice communication
Hering, H.; Hagmuller M; Kubin, G.;
Digital Avionics Systems Conference, 2003. DASC '03. The 22nd
Volume 1, 12-16 Oct. 2003 Page(s):4.E.2 - 41-10 vol.1
Digital Object Identifier 10.1109/DASC.2003.1245848

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☐ 4. **Harmonic radar identification tag for insect tracking**
Colpitts, B.; Luke, D.; Boiteau, G.; Doyle, M.;
Electrical and Computer Engineering, 1999 IEEE Canadian Conference on
Volume 2, 9-12 May 1999 Page(s):602 - 605 vol.2
Digital Object Identifier 10.1109/CCECE.1999.807936

AbstractPlus | Full Text: PDF(304 KB)   IEEE CNF
Rights and Permissions

5. **Passive resonator identification tag for narrow-band wireless telemetry**

Rusko, M.; Buff, W.; Binhack, M.; Goroll, M.; Ehrenpfordt, J.; Klett, S.;
Ultrasonics Symposium, 1999. Proceedings. 1999 IEEE
Volume 1, 17-20 Oct. 1999 Page(s):377 - 380 vol.1
Digital Object Identifier 10.1109/ULTSYM.1999.849423

AbstractPlus | Full Text: PDF(300 KB)   IEEE CNF
Rights and Permissions

6. **Aircraft Identification Tag Study Equipment And Implementation Scenar**
   Sajatovic, Miodrag; Eier, Dieter; Virion, Thierry; Hering, Horst; Daviere, Frede
   Integrated Communications, Navigation and Surveillance Conference, 2007. I
   April 30 2007-May 3 2007 Page(s):1 - 8
   Digital Object Identifier 10.1109/ICNSURV.2007.384163

   AbstractPlus | Full Text: PDF(563 KB)   IEEE CNF
   Rights and Permissions

7. **A Two-Month Field Trial in an Elementary School for Long-Term Human-**
   Kanda, T.; Sato, R.; Saiwaki, N.; Ishiguro, H.;
   Robotics, IEEE Transactions on [see also Robotics and Automation, IEEE Tra
   Volume 23, Issue 5, Oct. 2007 Page(s):962 - 971
   Digital Object Identifier 10.1109/TRO.2007.904904

   AbstractPlus | Full Text: PDF(729 KB)   IEEE JNL
   Rights and Permissions

8. **Zone of silence [cellphone jammer]**
   Guizzo, E.;
   Spectrum, IEEE
   Volume 42, Issue 5, May 2005 Page(s):17 - 18
   Digital Object Identifier 10.1109/MSPEC.2005.1426962

   Full Text: PDF(1888 KB)   IEEE JNL
   Rights and Permissions

9. **They know where you are [location detection]**
   Warrior, J.; McHenry, E.; McGee, K.;
   Spectrum, IEEE
   Volume 40, Issue 7, July 2003 Page(s):20 - 25
   Digital Object Identifier 10.1109/MSPEC.2003.1209608

   AbstractPlus | Full Text: PDF(951 KB) | Full Text: HTML   IEEE JNL
   Rights and Permissions

10. **Buried ordnance detection: electromagnetic modeling of munition-mour**
    identification tags
    Davis, R.J.; Shubert, K.A.; Barnum, T.J.; Balaban, B.D.;
    Magnetics, IEEE Transactions on
    Volume 42, Issue 7, July 2006 Page(s):1883 - 1891
    Digital Object Identifier 10.1109/TMAG.2006.874468

    AbstractPlus | Full Text: PDF(1744 KB)   IEEE JNL
    Rights and Permissions

11. **Identification of SAW ID-tags using an FSCW interrogation unit and mod**
    Stelzer, A.; Pichler, M.; Scheiblhofer, S.; Schuster, S.;
    Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on
    Volume 51, Issue 11, Nov. 2004 Page(s):1412 - 1420
    Digital Object Identifier 10.1109/TUFFC.2004.1367480

    AbstractPlus | Full Text: PDF(938 KB)   IEEE JNL
    Rights and Permissions

12.
    A wideband frequency-shift keying wireless link for inductively powered
    Ghovanloo, M.; Najafi, K.;
    Circuits and Systems I: Regular Papers, IEEE Transactions on [see also Circi

Fundamental Theory and Applications, IEEE Transactions on]
Volume 51, Issue 12, Dec. 2004 Page(s):2374 - 2383
Digital Object Identifier 10.1109/TCSI.2004.838144

AbstractPlus | References | Full Text: PDF(1064 KB)   IEEE JNL
Rights and Permissions

13. **Comparative robustness study of planar antennas**
Olsson, T.; Hjelm, M.; Siden, J.; Nilsson, H.-E.;
Microwaves, Antennas & Propagation, IET
Volume 1, Issue 3, June 2007 Page(s):674 - 680
Digital Object Identifier 10.1049/iet-map:20060155

AbstractPlus | Full Text: PDF(305 KB)   IET JNL

14. **Privacy Protection in Dynamic Systems Based on RFID Tags**
Cichon, Jacek; Klonowski, Marek; Kutylowski, Miroslaw;
Pervasive Computing and Communications Workshops, 2007. PerCom Work
IEEE International Conference on
19-23 March 2007 Page(s):235 - 240
Digital Object Identifier 10.1109/PERCOMW.2007.96

AbstractPlus | Full Text: PDF(155 KB)   IEEE CNF
Rights and Permissions

15. **A wearable learning support system with a head-mounted display and a reader**
Osawa, Noritaka; Asai, Kikuo;
Information Technology Based Higher Education and Training, 2006. ITHET
Conference on
July 2006 Page(s):523 - 530
Digital Object Identifier 10.1109/ITHET.2006.339807

AbstractPlus | Full Text: PDF(8540 KB)   IEEE CNF
Rights and Permissions

16. **A New Wireless RF Identification System**
JiCheng Liu; Jianhong Yao;
Intelligent Control and Automation, 2006. WCICA 2006. The Sixth World Con
Volume 1, 2006 Page(s):5191 - 5195
Digital Object Identifier 10.1109/WCICA.2006.1713381

AbstractPlus | Full Text: PDF(184 KB)   IEEE CNF
Rights and Permissions

17. **Development of a system which arranges and presents the optimal cont Super-Kamiokande field study tour**
Ishizuka, T.; Horita, T.; Takahashi, J.; Muramatsu, H.; Koshio, Y.;
Wireless and Mobile Technologies in Education, 2005. WMTE 2005. IEEE Int
28-30 Nov. 2005 Page(s):76 - 78
Digital Object Identifier 10.1109/WMTE.2005.17

AbstractPlus | Full Text: PDF(264 KB)   IEEE CNF
Rights and Permissions

18. **S/sup 2/EV- safety and security enhanced ATC voice system**
Prinz, J.; Sajatovic, M.; Haindl, B.;
Aerospace, 2005 IEEE Conference
5-12 March 2005 Page(s):1924 - 1930
Digital Object Identifier 10.1109/AERO.2005.1559483

AbstractPlus | Full Text: PDF(240 KB)   IEEE CNF
Rights and Permissions

19.
Improvement to the anticollision protocol specification for 900MHz Clas identification tag

Nanjundaiah, M.; Chaudhary, V.;
Advanced Information Networking and Applications, 2005. AINA 2005. 19th Ir
Volume 2, 28-30 March 2005 Page(s):616 - 620 vol.2
Digital Object Identifier 10.1109/AINA.2005.213

AbstractPlus | Full Text: PDF(83 KB)   IEEE CNF
Rights and Permissions

20. **A CMOS 2.45-GHz radio frequency identification tag IC with read/write m**
Wooi Gan Yeoh; Yeung Bun Choi; Kok Yin Tham; Sheng Xi Diao; Yi Song Li;
Radio Frequency integrated Circuits (RFIC) Symposium, 2005. Digest of Pap
12-14 June 2005 Page(s):365 - 368
Digital Object Identifier 10.1109/RFIC.2005.1489811

AbstractPlus | Full Text: PDF(195 KB)   IEEE CNF
Rights and Permissions

21. **A systematic approach for the reliability of RFID systems**
Inoue, S.; Hagiwara, D.; Yasuura, H.;
TENCON 2004. 2004 IEEE Region 10 Conference
Volume B, 21-24 Nov. 2004 Page(s):183 - 186 Vol. 2
Digital Object Identifier 10.1109/TENCON.2004.1414562

AbstractPlus | Full Text: PDF(2110 KB)   IEEE CNF
Rights and Permissions

22. **"Yoking-proofs" for RFID tags**
Juels, A.;
Pervasive Computing and Communications Workshops, 2004. Proceedings o
Conference on
14-17 March 2004 Page(s):138 - 143
Digital Object Identifier 10.1109/PERCOMW.2004.1276920

AbstractPlus | Full Text: PDF(316 KB)   IEEE CNF
Rights and Permissions

23. **Design and applications of ferroelectric nonvolatile SRAM and flip-flop**
read/program cycles and stable recall
Masui, S.; Yokozeki, W.; Oura, M.; Ninomiya, T.; Mukaida, K.; Takayama, Y.;
Custom Integrated Circuits Conference, 2003. Proceedings of the IEEE 2003
21-24 Sept. 2003 Page(s):403 - 406
Digital Object Identifier 10.1109/CICC.2003.1249428

AbstractPlus | Full Text: PDF(346 KB)   IEEE CNF
Rights and Permissions

24. **Flip chip on paper assembly utilizing anisotropic conductive adhesive**
Rasul, J.; Olson, W.;
Electronic Components and Technology Conference, 2002. Proceedings. 52r
28-31 May 2002 Page(s):90 - 94
Digital Object Identifier 10.1109/ECTC.2002.1008078

AbstractPlus | Full Text: PDF(682 KB)   IEEE CNF
Rights and Permissions

25. **Object recognition using appearance models accumulated into environr**
Mae, Y.; Umetani, T.; Arai, T.; Inoue, E.;
Pattern Recognition, 2000. Proceedings. 15th International Conference on
Volume 4, 3-7 Sept. 2000 Page(s):845 - 848 vol.4
Digital Object Identifier 10.1109/ICPR.2000.903049

AbstractPlus | Full Text: PDF(316 KB)   IEEE CNF
Rights and Permissions

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